



Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Docket No.: EH-10771

3745

INFORMATION DISCLOSURE STATEMENT

In re application of: Gary A. Zess et al.
Serial No.: 10/065,484
Filed: October 23, 2002
Title: FLOW DIRECTING DEVICE

Art Unit: 3745
Examiner: Dwayne J. White

Applicants submit herewith Form PTO-1449 identifying patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Under 37 CFR 1.97 (b)

☐ This Information Disclosure Statement is being filed within three months of the filing date of the application, or the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.

Under 37 CFR 1.97 (c)

☒ This Information Disclosure Statement is being filed *after* three months of the filing date of this national application, or the date of entry into the national stage as set forth in §1.491 in an international application, or after the mailing date of the first Office Action on the merits, whichever event occurred last, but *before* the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

☐ A _____ as specified in 37 CFR 1.97(e) is set forth below.

☒ Fee as set forth in 37 CFR 1.17(p) - Authorization to charge Deposit Account. Please charge the amount of \$180.00 and any additional fee due, and credit any overpayment to Deposit Account No. **21-0279**. A duplicate copy hereof is enclosed.

Under 37 CFR 1.97(d)

☐ This Information Disclosure Statement is being filed *after* a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee. Applicant hereby petitions for the consideration of this Information Disclosure Statement, 37 CFR 1.97(d)(ii). A certification as specified in 37 CFR 1.97(e) is set forth below.



Attorney Docket No.: EH-10771

☒ Authorization To Charge Deposit Account

Please charge any additional fee due, and credit any overpayment to Deposit Account No. 21-0279, Order No. EH-10771. A duplicate copy hereof is enclosed.

CERTIFICATION (37 CFR 1.97(e))

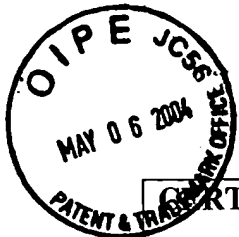
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

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| CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8) | | | Docket No. EH-10771 |
| Applicant(s): Gary A. Zess et al. | | | |
| Serial No. 10/065,484 | Filing Date October 23, 2002 | Examiner Dwayne J. White | Group Art Unit 3745 |
| Invention: FLOW DIRECTING DEVICE | | | |

I hereby certify that this IDS Transmittal (2 pages), Duplicate of Authorization to Charge Deposit Account (1 page), Form 1449 (1 page), Copies of References Cited (11), Return Postcard is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 4, 2004.

Marianne S. Carello

(Typed or Printed Name of Person Mailing Correspondence)

Marianne S. Carello

(Signature of Person Mailing Correspondence)

FORM PTO 1449
(REV 2-32)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEFile No.
EH-10771Serial No.
10/065,484

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant(s):
Gary A. Zess et al.Filing Date:
October 23, 2002Group:
3745

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|---|--------------------|----------|-------------------|-------|----------|-------------------------------|
| | 1 | 2,735,612 | 02/21/56 | Hausmann | 230 | 122 | 04/20/50 |
| | 2 | 4,208,167 | 06/17/80 | Yasugahira et al. | 415 | 217 | 09/22/78 |
| | 3 | 6,017,186 | 01/25/00 | Hoeger et al. | 415 | 181 | 12/03/97 |
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|--------------------|----------|---------|--------|----------|-------------------------------|
| | 4 | 0 798 447 | 10/01/97 | EP | F01D 5 | 14 | 03/15/97 |
| | 5 | 0 945 594 | 09/29/99 | EP | F01D 5 | 18 | 06/12/98 |
| | 6 | 1 074 697 | 02/07/01 | EP | F01D 9 | 04 | 05/04/00 |
| | 7 | 00/61918 | 10/19/00 | WO | F01D 5 | 14 | 03/20/00 |
| | 8 | 01/75276 | 10/11/01 | WO | F01D 5 | 14 | 12/22/00 |
| | 9 | 196 12 396 | 10/16/97 | DE | F01D 5 | 14 | 03/28/96 |
| | 10 | 55142909 | 11/07/80 | JP | F01D 9 | 02 | 04/25/79 |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

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|--|----|--|---|
| | 11 | | International Search Report dated 04 February 2004 in PCT/GB03/04545, a counterpart foreign application, Which indicates the degree of relevance of the four (4) non-English-language references cited above (EP 0 798 477, WO 01/75276, DE 196 12 396, and JP 55142909.) |
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Examiner

Date considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.